

Traveler Title:

BMA Full Magnet Impregnation

Specification No:

5520-TR-333859

Revision:

None

DR No:

4461

Step No:

9.7

Drawing No:

ME-445311

Routing Form No:**Serial No:**

BMA031

Rework ID:

0

Discrepancy Description:

The Skew Quadrupole circuit is open. During the repair the coil and G-10 at 4 o'clock was burnt. See digital pictures in OnBase.

Originator:

Jan Szal

Date:

11/26/2007 10:07:29 AM

Cause of Nonconformance:

Unknown, probably some lead was broken during the magnet installation into the mold.

Responsible Authority:

Sasha Makarov

Date:

11/26/2007 10:14:10 AM

Disposition:

1. Drain the glass beads into a tray.
2. Remove the mold end cover flange.
3. Check SQ wire connection between coils, remove insulation in broken area, and braze the joint using a copper wire of the same gage (at least 3/4" overlap on each end). Restore the insulation, check SQ resistance.
4. Install the mold end cover flange, hipot all coils connected on this magnet end, and measure their resistance.
5. Refill mold with glass beads.
Disposition verify notes: Work done. Magnet passed electrical test.

Responsible Authority:

Sasha Makarov

Date:

11/26/2007 10:19:11 AM

Corrective Action to Prevent Recurrence:

Add to the traveler the coils resistance check prior to filling the mold with glass beads.
Closeout notes: (TRR1940 for TR-333859 was drawn and traveler revised. TRR 1942 for TR-333844 was drawn and traveler revised. Bob Jensen 11/29/07)

Responsible Authority:

Sasha Makarov

Date:

11/26/2007 10:19:11 AM

Corrective Action/Disposition Verified By:

Jan Szal

Date:

11/28/2007 8:15:24 AM

Will Configuration be affected?: ☐ YES ☒ NO**Identified problem area:**

☐ Material ☐ Manpower ☒ Method ☐ Machine ☐ Measurement

Reviewed By:

Bob Jensen

Date:

11/29/2007 10:21:49 AM